

REPORTING FORMAT FOR
2001 – 2003 Biennial Summary Program Plan and Performance Measures Status Report
Quarter Three

Nuclear Waste Program Performance Measures		Baseline	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8
Objective 1: Tanks: Reduce environmental threats by improving Hanford tank waste management to ensure safe disposal of Hanford tank wastes.										
Target 1: Safe Storage: 2% of pumpable liquid remaining in 29 single-shell tanks by 9/30/03; 23% remaining by 9/30/01.										
• Output: Adhere to/enforce Consent Decree										
• Outcome: % of pumpable liquid remaining in single-shell tanks.		25%	23%	21.1%						
<i>Comments: April 2002, USDOE Office of River Protection stated that restart of the pumping for eight of eleven tanks and resolution of other critical issues must be made on schedule to meet the Consent Decree milestone of 18% of pumpable liquid remaining in single-shell tanks by 9/30/02.</i>										
Target 2: Safe Storage: 5% of organic-complexed pumpable liquids remaining in five single-shell tanks by 9/30/01.										
• Output: Adhere to/enforce Consent Decree										
• Outcome: % of organic pumpable liquid remaining in single-shell tanks as of 9/30/01.		13.5%	13.5**							
<i>Comments: The target pertains to tanks that are not considered interim stabilized. On 9/27/01, USDOE Office of River Protection declared the last two (241-U-102 and 241-U-109) of the five tanks containing organic-complexed pumpable liquids interim stabilized. This completed Target #2 because all five single-shell tanks are now considered interim stabilized.</i>										
Target 3: Retrieval: Approve retrieval demonstration design for one of the three selected single-shell tanks by 7/03.										
• Output: Reviewed Function and Requirements documents from USDOE; Ecology provided comments to USDOE 3/02; comment resolution by 6/30/02.										
• Ecology has initiated discussions with USDOE on Tank Farm Waste Characterization efforts; key to retrieval, treatment, and disposal of tank wastes.										
• Outcome: Approval of Function and Requirements documents by 6/15/02. Retrieval demonstration design activities on schedule for 7/03.		Target/ Actual 0%	12% 12%	25% 25%	37% 37%	50%	62%	75%	87%	100%
<i>Comments: All activities point to meeting target for an approved retrieval demonstration design by 7/03, based on receiving full FY03 funding.</i>										

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Target 4: Treatment: Issue three major permits by 6/02 that facilitate Waste Treatment Complex construction start date of 7/02 (Toxic Air, Prevention of Significant Deterioration & Dangerous Waste).									
<ul style="list-style-type: none"> Output: Received final Prevention of Significant Deterioration (PSD) application on 1/7/02. Ecology is drafting PSD permit for public comment 5/15/02. USDOE and Ecology worked on Air Toxic Notice of Construction. Ecology received and reviewed Final Notice of Construction 2/02. Draft Permit is out for public comment 5/1/02; final permit will be issued by 7/02 to support start of construction in 7/02. Dangerous Waste Permit conditions were developed and worked to resolve disagreements with contractors and USDOE prior to public comment period. As a result, there is a one-month delay in going out for public comment, projected for 5/15/02. Continued to develop innovative compliance schedules to include in permit and support the scheduled start of construction in 7/02. 									
<ul style="list-style-type: none"> Outcome: Remaining Dangerous Waste Permit schedule does not support start of construction of 7/02. Ecology is considering granting a temporary authorization of 180 days for construction to proceed prior to permit finalization so that the 7/02 start of construction date can be met. 	Target/ Actual 30%	45% 45%	60% 60%	85% 80%	100%				
<i>Comments: Permitting the Waste Treatment Plant with only partial design, so that construction may begin on-time has been a challenge for our permitting staff. Ecology is working closely with our lawyers, USEPA lawyers, USDOE and the contractor to develop a legal process for incorporating information into the permit and still allow construction to occur. We are actively working this issue with all involved and are committed to making it work.</i>									
Target 5: Tri-Party Agreement/Stakeholder: Reaffirm the parties' accountability and commitment to meet Tri-Party Agreement requirements.									
<ul style="list-style-type: none"> Output: Recovery Plan was reviewed to assess 									

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<p>1) impact on the Tri-Party Agreement deadline for "hot start" of the Waste Treatment Complex of 12/07; and 2) adequacy of FY2002 funding.</p> <ul style="list-style-type: none"> • The Recovery Plan and its associated Tri-Party Agreement changes went out for public comment March 18, 2002, with finalization and approval by July 2002. • A letter of intent was issued March 2002 that documents a commitment by Ecology; EPA and the USDOE to accelerate Hanford Site cleanup. 									
<ul style="list-style-type: none"> • Outcome: The Recovery Plan's schedules will be tight, but will meet the 12/07 "hot start" date. • We foresee no budget problems for FY02 to fund the project. However, in February 2002 the administration released the FY03 budget to Congress; funding for the Office of River Protection (ORP) was reduced by approx. \$124M from the FY02 appropriation of \$1.03B. In March, USDOE announced an additional \$433M would be requested for the Hanford Site (ORP and Richland Operations Office). Tentative agreements between ORP and Richland have resulted in assignment of approx. \$229M to ORP, which will be used to restore the project baselines and to fund early retrieval of a single-shell tank, early tank closures, and alternative treatment development. • USDOE will produce a draft work plan by May 1, 2002, showing how specific goals can be met and the Tri-Parties hope to produce a mutually agreed to work plan by August 1, 2002. Changes will then be proposed to the Tri-Party Agreement as appropriate. 									
Objective 2: Commercial low-level waste: Ensure effective management and environmentally safe disposal of waste at the Commercial Low-Level Radioactive Waste Site in Richland, Washington.									

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Target 6: Environmental Impact Statement to be issued no later than 12/02; jointly prepared by the Departments of Health and Ecology.									
<ul style="list-style-type: none"> Output: Completed 10% of Public Response Summary. Department of Health still reviewing cap designs; analysis of cap designs to be completed by 12/02 with issuance of EIS. Evaluating validity of the groundwater model data. There is a discrepancy between the data provided using the groundwater model in the draft EIS and the actual data collected in Phase II investigation. 									
<ul style="list-style-type: none"> Outcome: 60% of Public Response Summary completed to date. Environmental Impact Statement may be delayed if explanation is not forthcoming as to groundwater data discrepancy. <i>Decision will be made by August 2002 whether or not to go ahead with issuing EIS in 12/02.</i> 	Target/ Actual 10%	25%	40%	55%	70%	85%	100%		
<i>Comments: The Public Responsiveness Summary is part of the Environmental Impact Statement that will be issued in 12/02. The closure of the Site is one of the options being considered in the Environmental Impact Statement. The Department of Health has the lead for cap design and has hired a consultant to evaluate the cap designs. Although individual actions may have slipped, the target remains on schedule.</i>									
Target 7: Begin implementation of Phase III Investigation by 6/03.									
<ul style="list-style-type: none"> Output: Planned the Data Quality Objective presentations for the public meetings/technical work group sessions; first public meeting scheduled 6/02. 									
<ul style="list-style-type: none"> Outcome: Projected completion of Data Quality Objective process and award of contract for Phase III Investigation is 5/03; Still on target to begin implementation of Phase III Investigation by 6/03. 	Target/ Actual 5%	15%	25%	35%	50%	65%	75%	90%	100%
<i>Comments: Although individual actions may have slipped, the target remains on schedule.</i>									

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Objective 3: Tri-Party Agreement: Ensure compliance with Tri-Party Agreement milestones by a sound compliance & enforcement strategy, recognizing valid project issues that warrant modification of Tri-Party Agreement requirements.

Target 8: All scheduled milestones will be effectively managed; as met, modified, or regulatory action taken.

- **Output: Revision of the Hanford Tri-Party Agreement (TPA):** TPA was last published in 1998. Ecology reviewed the Hanford Tri-Party Agreement appendices "B" and "C" (list of sites, and list of Resource Conservation and Recovery Act Treatment, Storage, and Disposal facilities). Estimate completion of hardcopy June, 2002. Ecology is looking at the possibility of an on-line version of the TPA to reflect real-time changes.
- **100 and 300 Area Tri-Party Agreement Change Request Packages:** Tri-Parties reviewed public comments and held public meetings; are currently developing responses.
- **FFTF Milestones:** The original milestones were placed in abeyance pending a decision on the future of FFTF. The decision was made by USDOE on December 19, 2001 to shut down FFTF. A series of draft milestones for shutting down FFTF were submitted to Ecology on March 19, 2002. Ecology will be negotiating a final TPA change request for the shut down of FFTF over the next several months. The change request will have to be reviewed by the AGs office and go out for public comment before they are finalized.
- **Plutonium Finishing Plant (PFP):** TPA negotiations for establishing a draft series of milestones for decommissioning are completed. The package is currently being reviewed by legal and will go out for public comment soon. These negotiations were significant in that PFP is the last

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major facility that contains "high risk" materials for which TPA milestones had not yet been set and also because past TPA negotiations broke down before completion.									
<ul style="list-style-type: none"> Outcome: Total # of milestones this quarter: came due in quarter : 9 <ul style="list-style-type: none"> (a) # of milestones met; 8 (b) # modified; 1 (c) # regulatory actions taken; 0 new milestone 0 	*	(a) 86% (b) 7% (c) 7%	(a) 92% (b) 8%	(a) 89% (b) 11%					
<i>Comments: *A baseline cannot be provided at this time. We are looking at the best way to present our results to maximize value and meaning. Also, we are in the process of bringing a newly created milestone tracking system up to speed.</i>									
Objective 4: Groundwater: Ensure protection of the Columbia River from Hanford contamination.									
Target 9: Reduce overall concentration of contaminants in groundwater by 15% and minimize movement toward the Columbia River.									
<ul style="list-style-type: none"> Output: Drilled 4 of the 5 wells planned to date; USDOE submitted 40% of Data Quality Objectives for comprehensive monitoring network development at CERCLA sites, 70% to date; (completion date 6/30/02); upgrading surface groundwater treatment units to be completed by May 02 to increase treatment capacity. Developed site-wide groundwater management strategy for addressing the complex issues of groundwater monitoring and remediation. The strategy has been approved by management; taking necessary steps to begin implementation. 									
<ul style="list-style-type: none"> Outcome: Amount of contaminated water removed and treated through pump & treat: 71 million gallons as targeted (total to date for biennium is 215M); the decrease in the level of contamination in groundwater wells and influx of contaminants entering Columbia River is currently under 	Target/ Actual 80%	75% 75%		72%		68%		65%	

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evaluation and will be reported in fourth quarter.									
<i>Comments: Baseline reflects that 80% of groundwater is contaminated; we are targeted to be at 65% at the end of the biennium. Results will be reported in six-month intervals.</i>									
Objective 5: Promote public input in the decision-making process on issues related to Hanford Site cleanup priorities and ensure information is available.									
Target 10: Increase overall public response to Nuclear Waste Program's Hanford public participation efforts by 20%.									
<ul style="list-style-type: none"> Output: Conducted the State-of-the-Hanford-Site Meetings which allowed key Tri-Party Agreement decision makers to engage citizens in dialogue about the Hanford Cleanup. Meetings were held in Seattle, Portland, and the Tri-Cities. Innovative outreach methods: electronic flier distribution to regional environmental interest groups; phone banking; direct mailings to targeted audiences; media notices to Web sites and community calendars; as well as, our traditional method of partnering with highly-involved stakeholder groups resulting in excellent turnout for the three meetings. 									
<ul style="list-style-type: none"> Outcome: Public comment was conducted on four issues: Three State-of-the-Hanford-Site public meetings, attendance 250 (High); one meeting on Tri-Party Agreement (TPA) change packages, 25 people in attendance (better than average). The Tri-Party Agencies received more than 300 comments during the four public participation opportunities mentioned above. Response for all = high # of web-site hits: 	24,014/qtr	45,324	46,138	39,851					
<i>Comments: Actions support meeting 20% target for the biennium; quarter targets and actuals will not be calculated till the end of the time period. Results, as indicators, will be reported each quarter.</i> <ul style="list-style-type: none"> Web-site hits down slightly in third quarter due to: Successful State-of-the-Hanford-Site Meetings providing information; budget meetings moved out to next qtr. 									
Notes:									

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